

In the Claims:

Claims 1-4 (Cancelled).

5. (Currently Amended) A method of managing a plating liquid composition, comprising:
sampling a plating liquid in a plating bath;
separating and quantifying an additive in the sampled plating liquid using liquid chromatography by:
introducing the sampled plating liquid and pure water into a separating column to remove ionic components from the plating liquid before the additive is quantified so as to produce ionic component-free sampled plating liquid;
introducing the ionic component-free sampled plating liquid and a hardly soluble liquid into the separating column to elute the additive in the ionic component-free sampled plating liquid; and
detecting the intensity of light scattered by an unevaporated solute including the eluted additive remaining after the ionic component-free sampled plating liquid has been evaporated through spraying;
comparing the quantified value of the additive with a given predetermined concentration of the additive; and
adding a solution including the additive to the plating liquid based on the compared result.

Claim 6 (Cancelled).

7. (Previously Presented) A method of managing a plating liquid composition according to claim 5, further comprising:
separating and quantifying each of a plurality of additives in the sampled plating liquid using liquid chromatography by detecting the intensity of light scattered by an unevaporated

solute of each additive remaining after the sampled plating liquid has been evaporated through spraying;

comparing the quantified value of each of the additives with a given predetermined concentration of each of the additives; and

adding solutions including the additives to the plating liquid based on the compared result for each of the additives.

8. (Currently Amended) A method of managing a plating liquid composition according to claim 5, wherein said ~~detecting the intensity of light scattered by the unevaporated solute~~ separating and quantifying an additive further includes detecting the eluted additive using at least one of ultraviolet absorption and differential refraction.

9. (Currently Amended) A method of managing a plating liquid composition according to claim 8, wherein said ~~detecting the intensity of light scattered by the unevaporated solute~~ separating and quantifying an additive further includes detecting the eluted additive using both said ultraviolet absorption and said differential refraction.